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November 3, 2004

TELECOPIER TRANSMITTAL SHEET**TELECOPY TO:** COMMISSIONER FOR PATENTS**FAX NUMBER:** (703) 872-9306**FROM:** JOHN P. O'BANION**RE:** 09/802,476
UC2000-311-2**CERTIFICATE OF FACSIMILE TRANSMISSION (37 CFR 1.8)**

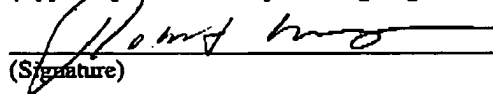
I hereby certify that the enclosed:

1. TRANSMITTAL LETTER (1 PAGE)
2. AMENDMENT (8 PAGES)
3. DECLARATION UNDER 37 CFR 1.131 (2 PAGES)
4. EXHIBIT A (10 PAGES)

are being facsimile transmitted to the United States Patent and Trademark Office (Fax No. 703-872-9306) on
3 November 2004.

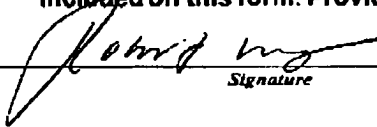
ROBERT F. KRAMER

(Type or print name of person signing certificate)


(Signature)**[X] Original will not follow**

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NUMBER OF PAGES SENT (INCLUDING COVER SHEET): 22**IF THERE ARE ANY PROBLEMS OR QUESTIONS, PLEASE CONTACT US AT (916) 498-1010. OUR FAX NO. IS (916) 498-1074.**

AMENDMENT TRANSMITTAL LETTER (Small Entity)				Docket No. UC2000-311-2									
Applicant(s):													
Application No. 09/802,476	Filing Date 03/09/2001	Examiner Barot, Bharat	Customer No. 8156	Group Art Unit 2155	Confirmation No. 5888								
Invention: CORE ASSISTED MESH PROTOCOL FOR MULTICAST ROUTING IN AD-HOC ROUTING IN MULTICAST NETWORKS													
COMMISSIONER FOR PATENTS:													
Transmitted herewith is an amendment in the above-identified application.													
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27													
The fee has been calculated and is transmitted as shown below.													
CLAIMS AS AMENDED													
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE								
TOTAL CLAIMS	12 -	12 =	0 x	\$9.00	\$0.00								
INDEP. CLAIMS	3 -	3 =	0 x	\$44.00	\$0.00								
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00								
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00								
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. <input type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.													
 _____ Signature			Dated: November 3, 2004										
Robert F. Kramer, Reg. No. 51,242 John P. O'Banion, Reg. No. 33,201 O'BANION & RITCHEY LLP 400 Capitol Mall, Suite 1550 Sacramento, CA 95814 (916) 498-1010			<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">I certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____</td> </tr> <tr> <td colspan="2" style="text-align: center;">(Date)</td> </tr> <tr> <td colspan="2" style="text-align: center;">_____ Signature of Person Mailing Correspondence</td> </tr> <tr> <td colspan="2" style="text-align: center;">_____ Typed or Printed Name of Person Mailing Correspondence</td> </tr> </table>			I certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____		(Date)		_____ Signature of Person Mailing Correspondence		_____ Typed or Printed Name of Person Mailing Correspondence	
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cc:													

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/802,476 Confirmation No.: 5888
Applicants : MADRUGA, EWERTON L. ET AL.
Title : CORE ASSISTED MESH PROTOCOL FOR MULTICAST
ROUTING IN AD-HOC ROUTING IN MULTICAST NETWORKS
Filed : MARCH 9, 2001
TC/A.U. : 2155
Examiner : BAROT, BHARAT
Docket No. : UC2000-311-2
Cust No. : 8156

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22213-1450

AMENDMENT

Dear Sir:

In response to the Office Action mailed August 3, 2004, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

An **Appendix** including an inventor declaration and published article is attached following page 8 of this paper.